



South Carolina Weekly Weather and Crop Progress Report

Cooperating with Clemson University
1835 Assembly St., Suite 1008 · Columbia, SC 29201
(800) 424-9406 · FAX (803) 765-5310 · www.nass.usda.gov/sc

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Cooperating Agencies:
Clemson University
SC State Climatology Office
Farm Service Agency



GENERAL

Much needed rainfall arrived the week ending May 13, 2012. The State average rainfall for the period was 1.5 inches, supplying sorely needed precipitation to field crops and pastures. Soil moisture conditions improved considerably to 9% very short, 33% short, 57% adequate and 1% surplus. Temperatures were warm toward the beginning of the week but cooled later in the week due to the rainfall. The State average temperature for the period was one degree above normal. There were isolated thunderstorms and heavy rain showers in some areas which provided 5.9 days suitable for fieldwork.

FIELD CROPS

CORN planting was complete and 96% of the crop had emerged by the weekend. Conditions were favorable at 1% very poor, 3% poor, 39% fair, 54% good and 3% excellent. **COTTON** planting was 46% complete by the end of the week, two points ahead of this time last year. Forty percent of **PEANUTS** were planted, remaining well ahead of both last year and historical averages. **SOYBEANS** were 38% planted and 20% emerged by Sunday. **OATS** and **WINTER WHEAT** were 80% colored and 40% ripe. **TOBACCO** conditions improved to 1% poor, 41% fair, 52% good and 6% excellent. Eighty percent of **HAY** had been harvested.

OTHER ITEMS OF INTEREST

TOMATO conditions declined slightly to 51% fair, 48% good and 1% excellent. Ninety-eight percent of **SNAPBEANS** and 95% of **CUCUMBERS** were planted by the end of the week. **CANTALOUPE** planting was 98% complete by Sunday, two points ahead of last year. **WATERMELON** planting was also 98% complete. **PEACH** harvest was underway with 3% harvested by Sunday. Conditions were 1% poor, 59% fair, 36% good and 4% excellent. **PASTURE** conditions improved to 1% very poor, 10% poor, 49% fair and 40% good. **LIVESTOCK** conditions also improved to 1% very poor, 3% poor, 32% fair, 62% good and 2% excellent.

Crop Progress for Week Ending May 13, 2012

Crop and Stage	2012	2011	5-Yr Avg	Crop and Stage	2012	2011	5-Yr Avg
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Cantaloup, Planted	98	96	93	Peaches, Harvested	3	0	0
Corn, Planted	100	100	100	Peanuts, Planted	40	27	28
Corn, Emerged	96	97	95	Snapbeans, Fresh, Planted	98	92	96
Cotton, Planted	46	44	41	Soybeans, Planted	38	29	21
Cucumbers, Fresh, Planted	95	96	94	Soybeans, Emerged	20	10	9
Hay, Grain Hay, Harvested	80	68	66	Watermelons, Planted	98	98	96
Oats, Turned Color	80	59	51	Winter Wheat, Turning Color	80	50	39
Oats, Ripe	40	0	0	Winter Wheat, Ripe	40	0	0

Condition for Week Ending May 13, 2012

Crop	Very Poor	Poor	Fair	Good	Excellent	Crop	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Cantaloup	0	1	57	42	0	Peaches	0	1	59	36	4
Corn	1	3	39	54	3	Snapbeans	0	0	69	21	10
Cucumbers	0	0	68	31	1	Tobacco	0	1	41	52	6
Livestock	1	3	32	62	2	Tomatoes	0	0	51	48	1
Oats	0	1	33	61	5	Watermelons	0	1	51	38	10
Pasture	1	10	49	40	0	Winter Wheat	0	3	36	57	4

South Carolina Weekly Weather Summary for the Week Ending May 13, 2012

Clinton and Columbia reached a Monday afternoon high temperature of 85 degrees. Thunderstorms over southern Jasper County soaked Hardeeville with 1.58 inches of rain. The Hartsville AP warmed to 86 degrees on Tuesday while better coverage of thundershowers developed over the western and Upstate counties. Late night convection above the town of Lyman left 4.81 inches of rain in a CoCoRaHS volunteer gage. The same complex of storms filled the gage at Chester with 2.47 inches and 1.89 inches at Gaston Shoals. Thunderstorm cloud tops soared to fifty thousand feet at the noon hour on Wednesday, and moved east. An intense rainfall at the USC Campus produced 0.46 inches in just fifteen minutes. Edgefield measured their heaviest 24-hour rain (2.06 inches) since March 27, 2011. Also on Wednesday, Marion welcomed a rainfall of 2.02 inches. Sunny, cooler weather was observed on Thursday. Cedar Creek reported a sunrise temperature of 48 degrees and most of the State reported afternoon temperatures in the middle to upper 70's. Temperatures eased into the lower 80's on Friday with Barnwell and Pinopolis recording 82 degrees. A partly sunny Saturday helped Florence and Orangeburg reach 81 degrees. Periods of moderate rain to heavy rain were observed on Sunday. Although parts of the State began Sunday with mild conditions, rain cooled air and east winds forced afternoon temperature values to settle in the 60's. For much of Sunday night, areas of heavy rain formed over the South Carolina Mountains and Foothills. The State average temperature for the seven-day period was one degree above normal.

The highest official temperature reported was 88 degrees at Kingstree AP on May 8 and at Givhans on May 12. The lowest official temperature reported was 43 degrees at Long Creek on May 10. The heaviest official 24-hour rainfall reported was 2.55 inches at the Beaufort Marine Corps Air Station ending at 7:00 a.m. on May 10. The State average rainfall for the period was 1.5 inches.

SOIL: 4-inch depth soil temperature: Columbia 72 degrees, Charleston 75 degrees.

RIVERS AND SURF: South Carolina river stages were near to below normal. Ocean water temperatures at nearby Johnny Mercer Pier in Wrightsville Beach, NC, were reported at 73 degrees.

Precipitation

Location	Total for Week	Total for 2012	Deviation from Average
Greer AP	1.15	12.71	-4.5
Anderson AP	1.34	12.24	-4.3
Columbia Metro AP	1.12	10.07	-4.7
Orangeburg AP	2.10	11.10	-4.4
Charlotte, NC AP	3.10	12.24	-2.8
Augusta, GA Bush AP	0.96	7.21	-8.6
Florence AP	1.29	11.51	-1.8
N Myrtle Beach AP	0.63	9.55	-5.8
Charleston AP	0.97	10.85	-3.6
Savannah, GA AP	2.50	11.63	-2.7

Weekly rainfall totals this period ending midnight Sunday.



USDA-NASS
 SOUTH CAROLINA FIELD OFFICE
 1835 Assembly St. Suite 1008
 Columbia, SC 29201-2449
 Official Business

Address Service Requested